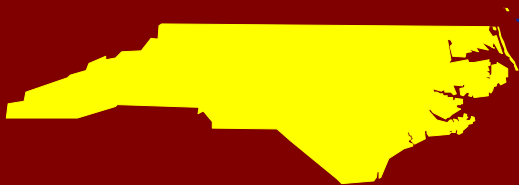




Division of Highways Reorganization, Construction Strategic Plan

**Traffic Engineering Conference For
Operations & Safety**

**Steven D. DeWitt, PE
Director of Construction**



North Carolina

Department of Transportation

Reorganization

- **Construction Unit**
- **Project Services Unit**
 - **Alternative Delivery Unit**
- **Traffic Control Unit**
- **Roadside Environmental Unit**
- **Utilities Unit**
- **Materials & Tests Unit**
- **Contractual Services Unit**

Why Reorganize?

- **Emphasis on Major Projects**
- **Major Movement Nationally**
- **Design-Build**
- **Alternative Contracting**
- **Reintegration/Emphasize Construction & Maintenance In Planning & Design**
- **Workload in Chief Engineer's Office**
- **Setting Projects up for Success**
- ***Project Delivery - Completed Projects***

Strategic Plan

- **Safety**
- **Workforce Development**
- **Diversity Programs**
- **Environmental Excellence**
- **System Preservation**
- **Congestion Mitigation**
- **Program Delivery**

Strategic Plan

Safety

- **Specialized Training**
- **Work Zone Safety**
 - **Public Information Efforts**
 - **Highway Patrol Coordination**
- **Contractor Initiatives**
- **Contract Enhancements**

Strategic Plan

Workforce Development

- **Skill Based Pay**
- **Engineering Competency Based Pay**
- **Bridge Building Competition**
- **Transportation Engineer's Academy**

Strategic Plan

Diversity Programs

- **Minority Contractor Outreach**
– Mentor Protégé'
- **Unified Certification Program**
- **Tracking Systems**

Strategic Plan

Environmental Excellence

- **Stewardship Training**
- **Erosion Control Enhancements**
- **Turbidity Issues**
- **Reduce Permit Modifications**
- **Eliminate Permit Violations**
- **Design-Build Permit Process**

Strategic Plan

System Preservation

- **Enhanced Quality Control Processes**
- **Develop Feedback Mechanisms**
 - **Construction, Maintenance to Planning & Design**
- **Contractor Accountability**
 - **Warranties?**
 - **Performance Based Prequalification**

Strategic Plan

Congestion Mitigation

- **Enhanced Work Zone Strategies During Construction & Maintenance**
- **Alternative Contracting Mechanisms to Reduce Contract Durations**
- **Evaluations of Longer Lasting Materials**

Strategic Plan

Program Delivery

- **Focus on Project Completion**
- **Focus on Delivery Within Budget**
- **Design-Build & Design-Build Process Improvements**
- **Alternative Delivery Methods**
- **Cost Estimating Processes (CEVP)**

Summary

- **Setting up Projects for Success**
- **Emphasis Areas Fit Within DOH Strategic Plan**
- **Emphasis Areas - Across DOH: Build on Each Other**
- **Team Approach**
 - **Does Not Matter Who You Report To**
 - ***Everyone* Needs to Care about Maintenance, Construction, Design**
 - **We Can Do Great Things *Together!***